



Inspector's Daily Report

IDR Sheet 1 of 6 Sheets	
Contract C-7852	Date Friday August 6, 2010

DIARY - Including but not limited to: a report of the day's operations, time log (if applicable), orders given and received, discussions with contractor, and any applicable statements for the monthly estimate.

At the request of the Project Office, I arrived at the project site around 12:00 p.m. for a lift inspection between Stations 1320+75 and 1322+00 and to observe several exploratory drill holes between Stations 1319+25 and 1320+50 (Tom Badger IDR 8-5-10). I met with WSDOT Inspector Brad Schut at the base of the slope and we proceeded onto the cut to the location where today's lift inspection was scheduled. Upon arrival at the location, only about half of the required material had been mucked and the Contractor was not ready for our lift inspection (Figure 1).

While waiting for the Contractor to muck the remaining material, I waited for Western State drillers to mobilize a drill rig onto the slope to drill the exploratory drill holes between Stations 1319+25 and 1320+50. I explained to the driller the type of information we were looking for and at approximately 1:30 p.m. the Contractor initiated the exploratory drill holes. The Contractor drilled 7 exploratory holes between Stations 1319+05 and 1320+62 that were located near the base of the exposed cut face (Lift #1) for a total of 159 linear feet. Our general results are described in the table below.

<u>Station</u>	<u>Elevation (ft)</u>	<u>Drill Angle (degrees)</u>	<u>Depth (ft. bgs)</u>	<u>Material</u>
1319+05	2579.2	15	0-1	Soil-like
			1-15	Hard Rock
1319+39	2580.2	15	0-3	Soil-like
			3-10	Hard Rock
			10-13	Soft Rock
			13-20	Hard Rock
1319+74	2582.3	15	0-2	Fractured Rock
			2-10	Moderately Hard Rock
			10-14	Hard Rock
			14-15	Seam
			15-18	Hard Rock
			18-20	Seam
			20-24	Hard Rock
1319+74	2581.1	90	0-11	Fractured Rock
			11-12	Seam
			12-25	Moderately Hard rock



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<u>Station</u>	<u>Elevation (ft)</u>	<u>Drill Angle (degrees)</u>	<u>Depth (ft, bgs)</u>	<u>Material</u>
1320+26	2584.2	15	0-15	Fractured Rock
			15-25	Hard Rock
1320+26	2582.3	90	0-3	Soft Rock
			3-26	Hard Rock
1320+62	2584.0	15	0-1	Soil-like
			1-8	Hard Rock
			8-10	Reddish Hard Rock
			10-25	Very Hard Rock

I made a request to Brad to survey the positions of the exploratory drill holes. He indicated that the survey crew could do this on Monday and that he will mark the hole locations with paint at the conclusion of the drilling. We finished drilling at approximately 3:30 p.m. Survey data (Station & Elevation) arrived on 8/10/10 and is included within the above table.

By 3:30 p.m. the Contractor had mucked enough material to reach the lift bottom, approximate elevation 2580, between the approximate Stations 1320+50 and 1321+00. This was approximately 100 ft west of the eastern end of the previous shot location, Station 1320 +75 to 1322+00. I inspected the freshly exposed cut face and observed hard basaltic rock with preserved half casts approximately 30 inches apart with 3 to 24 inch fracture spacing (Figures 2-4). No water was observed and no dowel locations were marked on the cut face. Two CLAR reading (76/296 and 70/310) were obtained from one tight discontinuity feature observed on the cut face with 10 -15 ft of persistence.

Brad requested that I walk the project site and identify areas that require hand scaling. I informed Brad that the areas Tom and I had pointed out to him yesterday (Tom Badger IDR 8-5-10) and the locations where Mike Mulhern had pointed out in his previous IDR's will require the hand scaling. He also requested that I mark the locations for the additional prisms. I informed Brad that I did not know where the additional prisms were to be located and that I could not mark their locations at this time.

I left the project site at approximately 4:00 p.m.

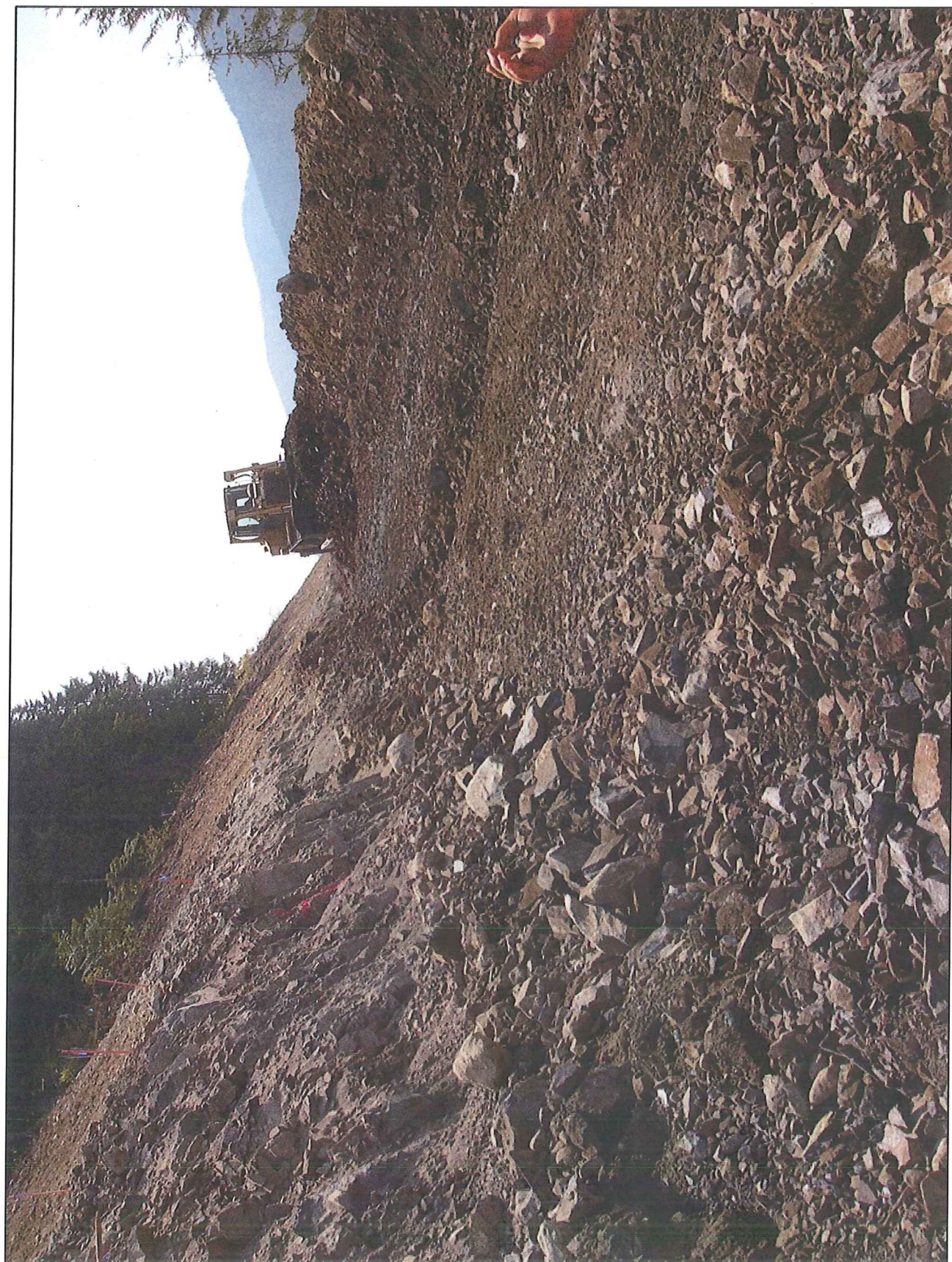


Figure 1: Approximate Station 1320+50 to 1321+00



Figure 2: Approximate Station 1320+50. Dashed red line is observed discontinuity.

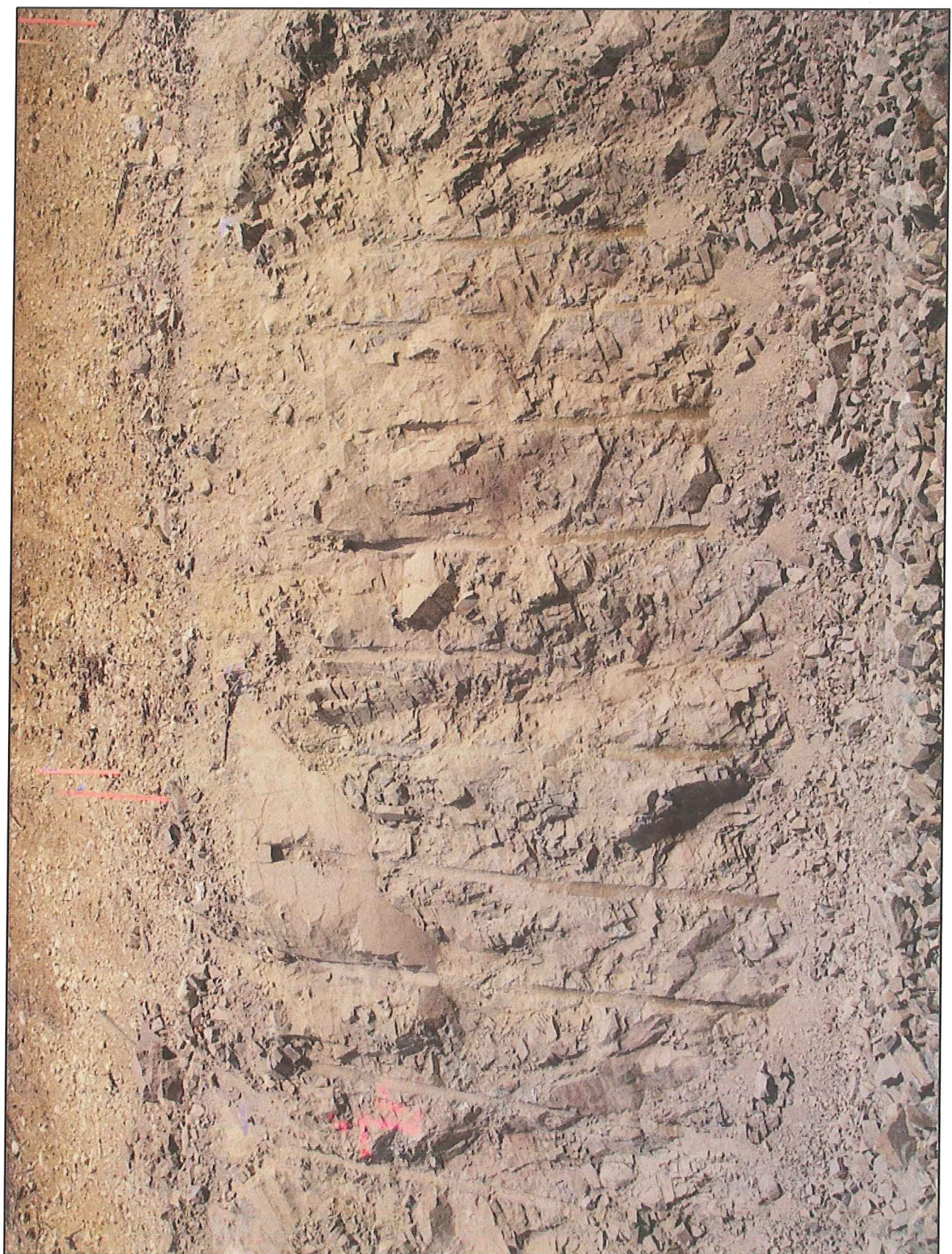


Figure 3: Approximate Station 1320+75



Figure 4: Approximate Station 1321+00